

2022 Annual Statewide Pesticide Use Report Indexed by Chemical Marin County

[Text files](https://files.cdpr.ca.gov/pub/outgoing/pur/data/) of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit, Apps = Number of agricultural applications, Area treated = cumulative area treated (For example, if a one-acre field was treated three times in a year, the cumulative acres treated would equal three acres), N/A = Not Available: many nonagricultural pesticide use reports are not legally required to report area treated or number of applications. N-outdoor = Outdoor nursery. N-grnhs = Greenhouse nursery. See Pesticide Use Annual Report Data Access, References, and Definitions Guide for more information.

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
2,4-d	Landscape maintenance	12.4	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Landscape maintenance	29.91	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Rights of way	3.15	N/A	N/A	N/A
2,4-d, dimethylamine salt	Landscape maintenance	0.4	N/A	N/A	N/A
2,4-d, dimethylamine salt	Pastureland	53.45	2	95.0	A
2,4-dp-p, isooctyl ester	Landscape maintenance	3.37	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Grape, wine	4.16	1	15.48	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Landscape maintenance	7.64	N/A	N/A	N/A
2-butoxyethanol	Rights of way	41.3	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Abamectin	Landscape maintenance	0.02	N/A	N/A	N/A
Abamectin	Structural pest control	0.04	N/A	N/A	N/A
Abamectin, other related	Structural pest control	<0.01	N/A	N/A	N/A
Acephate	Landscape maintenance	0.12	N/A	N/A	N/A
Acephate	Structural pest control	23.33	N/A	N/A	N/A
Acetamiprid	Landscape maintenance	0.4	N/A	N/A	N/A
Acetamiprid	Structural pest control	1.01	N/A	N/A	N/A
Acibenzolar-s-methyl	Landscape maintenance	0.38	N/A	N/A	N/A
Alcohols, c12-c14, aliphatic	Rights of way	16.06	N/A	N/A	N/A
Alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	Structural pest control	0.11	N/A	N/A	N/A
Alkyl (60%c14, 30%c16, 5%c12, 5%c18) dimethylbenzyl ammonium chloride	Food processing plant	8.28	N/A	1.0	U
Alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	Food processing plant	8.28	N/A	1.0	U
Alkyl (c8,c10) polyglucoside	Landscape maintenance	12.57	N/A	N/A	N/A
Alkyl (c8,c10) polyglucoside	Rights of way	2.7	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Alkyl (c8,c10) polyglucoside	Structural pest control	0.06	N/A	N/A	N/A
Alkyl (c9-c11) oligomeric d-glucopyranoside	Rights of way	45.89	N/A	N/A	N/A
Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	0.35	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	0.87	8	62.32	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	265.99	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	5.45	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Structural pest control	0.31	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Water area	0.05	N/A	1.0	A
Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Grape, wine	0.05	6	0.6	A
Alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	Rights of way	1.3	N/A	N/A	N/A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rights of way	12.78	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Grape, wine	30.2	38	257.29	A
Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Olive	0.58	1	2.0	A
Alpha-cypermethrin	Structural pest control	35.35	N/A	N/A	N/A
Alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	Public health	11.54	N/A	N/A	N/A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	11.74	N/A	N/A	N/A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Water area	0.82	N/A	11.0	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Water area	0.6	N/A	1,701.0	S
Alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Landscape maintenance	6.78	N/A	N/A	N/A
Aminopyralid, triisopropanolamine salt	Landscape maintenance	3.93	N/A	N/A	N/A
Aminopyralid, triisopropanolamine salt	Pastureland	87.14	9	435.0	A
Aminopyralid, triisopropanolamine salt	Pastureland	1.35	5	280,000.0	S
Aminopyralid, triisopropanolamine salt	Rangeland	7.37	6	34.95	A
Aminopyralid, triisopropanolamine salt	Rights of way	15.51	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Ammonium nitrate	Landscape maintenance	5.82	N/A	N/A	N/A
Ammonium nitrate	Rights of way	2.93	N/A	N/A	N/A
Ammonium nitrate	Structural pest control	0.1	N/A	N/A	N/A
Ammonium nonanoate	Landscape maintenance	25.7	7	7.95	A
Ammonium nonanoate	Landscape maintenance	3.34	1	100.0	S
Ammonium sulfate	Landscape maintenance	11.65	N/A	N/A	N/A
Ammonium sulfate	Rights of way	43.37	N/A	N/A	N/A
Ammonium sulfate	Structural pest control	0.1	N/A	N/A	N/A
Azadirachtin	Landscape maintenance	0.29	N/A	N/A	N/A
Azadirachtin	N-grnhs plants in containers	0.01	1	5,000.0	?
Azadirachtin	N-grnhs plants in containers	0.02	3	9,000.0	S
Azoxystrobin	Landscape maintenance	26.65	N/A	N/A	N/A
Bacillus amyloliquefaciens strain d747	Grape, wine	220.88	6	50.13	A
Bacillus amyloliquefaciens strain f727	Grape, wine	246.28	3	30.62	A
Bacillus amyloliquefaciens strain mbi 600	Grape, wine	1.09	9	34.62	A
Bacillus pumilus, strain qst 2808	Grape, wine	7.97	5	68.44	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	Public health	133.43	N/A	N/A	N/A
Bacillus subtilis strain iab/bs03	Grape, wine	0.37	6	30.94	A
Bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Landscape maintenance	0.04	N/A	N/A	N/A
Bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Structural pest control	0.01	N/A	N/A	N/A
Bacillus thuringiensis, subsp. israelensis, strain am 65-52	Public health	963.34	N/A	N/A	N/A
Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Landscape maintenance	24.63	N/A	N/A	N/A
Beauveria bassiana strain gha	Structural pest control	0.09	N/A	N/A	N/A
Benzoic acid	Landscape maintenance	0.05	N/A	N/A	N/A
Benzoic acid	Pastureland	2.28	7	400.0	A
Benzoic acid	Rangeland	0.2	7	82.79	A
Benzoic acid	Rights of way	0.44	N/A	N/A	N/A
Benzovindiflupyr	Landscape maintenance	2.23	N/A	N/A	N/A
Beta-cyfluthrin	Landscape maintenance	0.12	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Beta-cyfluthrin	Structural pest control	37.46	N/A	N/A	N/A
Bifenazate	Landscape maintenance	0.39	N/A	N/A	N/A
Bifenthrin	Landscape maintenance	21.85	N/A	N/A	N/A
Bifenthrin	Structural pest control	94.07	N/A	N/A	N/A
Borax	Rights of way	348.95	N/A	N/A	N/A
Borax	Structural pest control	26.82	N/A	N/A	N/A
Boric acid	Landscape maintenance	34.35	N/A	N/A	N/A
Boric acid	Structural pest control	1,233.15	N/A	N/A	N/A
Boscalid	Landscape maintenance	34.85	N/A	N/A	N/A
Brodifacoum	Structural pest control	<0.01	N/A	N/A	N/A
Bromadiolone	Structural pest control	0.01	N/A	N/A	N/A
Bromethalin	Landscape maintenance	0.02	N/A	N/A	N/A
Bromethalin	Structural pest control	0.18	N/A	N/A	N/A
Butyl lactate	Water area	0.11	N/A	40,600.0	S
Calcium chloride	Landscape maintenance	0.05	N/A	N/A	N/A
Canola oil	Landscape maintenance	0.32	N/A	N/A	N/A
Capric acid	Landscape maintenance	112.12	N/A	N/A	N/A
Capric acid	Rights of way	21.59	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Caprylic acid	Landscape maintenance	148.54	N/A	N/A	N/A
Caprylic acid	Rights of way	31.72	N/A	N/A	N/A
Carbo methoxy ether cellulose, sodium salt	Grape, wine	0.3	4	61.92	A
Carbon	Landscape maintenance	0.02	N/A	N/A	N/A
Carbon dioxide	Landscape maintenance	12.56	N/A	N/A	N/A
Carfentrazone-ethyl	Landscape maintenance	6.61	N/A	N/A	N/A
Carfentrazone-ethyl	Rights of way	0.16	N/A	N/A	N/A
Chlorantraniliprole	Landscape maintenance	20.39	N/A	N/A	N/A
Chlorantraniliprole	Structural pest control	15.66	N/A	N/A	N/A
Chlorfenapyr	N-grnhs plants in containers	0.01	1	3,045.0	S
Chlorfenapyr	Structural pest control	53.63	N/A	N/A	N/A
Chlorophacinone	Landscape maintenance	0.01	N/A	N/A	N/A
Chlorophacinone	Structural pest control	<0.01	N/A	N/A	N/A
Chloropicrin	Structural pest control	0.36	N/A	N/A	N/A
Chlorothalonil	Landscape maintenance	2.83	1	1.0	A
Chlorothalonil	Landscape maintenance	449.13	N/A	N/A	N/A
Chlorsulfuron	Landscape maintenance	<0.01	N/A	N/A	N/A
Chlorsulfuron	Rights of way	0.16	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Cholecalciferol	Landscape maintenance	<0.01	N/A	N/A	N/A
Cholecalciferol	Structural pest control	6.05	N/A	N/A	N/A
Cholecalciferol	Vertebrate control	<0.01	N/A	N/A	N/A
Chromobacterium subtsugae strain praa4-1	Landscape maintenance	0.54	N/A	N/A	N/A
Citric acid	Landscape maintenance	0.13	N/A	N/A	N/A
Citric acid	Water area	0.04	N/A	40,600.0	S
Clarified hydrophobic extract of neem oil	Landscape maintenance	11.76	N/A	N/A	N/A
Clopyralid, monoethanolamine salt	Landscape maintenance	32.51	N/A	N/A	N/A
Clopyralid, monoethanolamine salt	Pastureland	88.7	8	340.0	A
Clopyralid, monoethanolamine salt	Rangeland	14.83	2	48.1	A
Clopyralid, monoethanolamine salt	Rights of way	3.01	N/A	N/A	N/A
Clothianidin	Landscape maintenance	0.02	N/A	N/A	N/A
Clothianidin	Structural pest control	4.14	N/A	N/A	N/A
Coconut diethanolamide	Landscape maintenance	1.33	N/A	N/A	N/A
Copper ammonium carbonate	Landscape maintenance	0.1	N/A	N/A	N/A
Copper ammonium complex	Landscape maintenance	0.49	N/A	N/A	N/A
Copper diammonium diacetate complex	Landscape maintenance	0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Copper ethanolamine complexes, mixed	Water (industrial)	2.8	N/A	0.5	A
Copper ethanolamine complexes, mixed	Water area	5.53	N/A	1.0	A
Copper ethanolamine complexes, mixed	Water area	20.72	N/A	127,798.61	C
Copper ethanolamine complexes, mixed	Water area	7,327.81	N/A	105,693.97	K
Copper ethylenediamine complex	Water area	643.26	N/A	16,988.4	K
Copper hydroxide	Grape, wine	11.08	9	33.0	A
Copper hydroxide	Landscape maintenance	26.97	N/A	N/A	N/A
Copper hydroxide	Olive	97.89	23	95.03	A
Copper hydroxide	Olive	1.18	5	16,600.0	S
Copper hydroxide	Rights of way	24.87	N/A	N/A	N/A
Copper oxychloride	Grape, wine	11.65	5	32.6	A
Copper oxychloride	Landscape maintenance	29.59	N/A	N/A	N/A
Copper oxychloride	Olive	108.5	23	95.03	A
Copper oxychloride	Olive	1.31	5	16,600.0	S
Copper sulfate (pentahydrate)	Water area	5.4	N/A	3.75	A
Copper sulfate (pentahydrate)	Water area	148.5	N/A	1,132.56	K
Coyote urine	Structural pest control	0.01	N/A	N/A	N/A
Cuprous oxide	Grape, wine	14.63	6	21.0	A
Cuprous oxide	Landscape maintenance	0.08	N/A	N/A	N/A
Cyantraniliprole	N-grnhs plants in containers	0.06	2	6,000.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Cyazofamid	Landscape maintenance	4.15	N/A	N/A	N/A
Cyfluthrin	Landscape maintenance	0.01	N/A	N/A	N/A
Cyfluthrin	Structural pest control	3.82	N/A	N/A	N/A
Cypermethrin	Structural pest control	0.78	N/A	N/A	N/A
D-allethrin	Public health	<0.01	N/A	N/A	N/A
D-allethrin, other related	Public health	<0.01	N/A	N/A	N/A
D-trans allethrin	Public health	<0.01	N/A	N/A	N/A
D-trans allethrin	Structural pest control	0.01	N/A	N/A	N/A
Ddvp	Structural pest control	0.03	N/A	N/A	N/A
Ddvp, other related	Structural pest control	<0.01	N/A	N/A	N/A
Deltamethrin	Landscape maintenance	<0.01	N/A	N/A	N/A
Deltamethrin	Structural pest control	53.75	N/A	N/A	N/A
Diatomaceous earth	Structural pest control	2.25	N/A	N/A	N/A
Dicamba	Landscape maintenance	3.03	N/A	N/A	N/A
Dicamba	Rights of way	0.2	N/A	N/A	N/A
Dicamba, dimethylamine salt	Landscape maintenance	0.14	N/A	N/A	N/A
Didecyl dimethyl ammonium chloride	Structural pest control	0.05	N/A	N/A	N/A
Diethylene glycol	Landscape maintenance	1.78	N/A	N/A	N/A
Diethylene glycol	Rights of way	1.44	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Difenoconazole	Landscape maintenance	7.46	N/A	N/A	N/A
Difethialone	Structural pest control	<0.01	N/A	N/A	N/A
Dikegulac sodium	Landscape maintenance	0.12	N/A	N/A	N/A
Dimethyl alkyl tertiary amines	Landscape maintenance	0.06	N/A	N/A	N/A
Dimethyl alkyl tertiary amines	Pastureland	2.49	7	400.0	A
Dimethyl alkyl tertiary amines	Rangeland	0.21	7	82.79	A
Dimethyl alkyl tertiary amines	Rights of way	0.48	N/A	N/A	N/A
Dimethylpolysiloxane	Landscape maintenance	0.1	N/A	N/A	N/A
Dimethylpolysiloxane	Rights of way	0.06	N/A	N/A	N/A
Dimethylpolysiloxane	Structural pest control	<0.01	N/A	N/A	N/A
Dinotefuran	Landscape maintenance	29.2	N/A	N/A	N/A
Dinotefuran	Structural pest control	135.64	N/A	N/A	N/A
Diocetyl dimethyl ammonium chloride	Structural pest control	0.04	N/A	N/A	N/A
Diphacinone	Landscape maintenance	0.02	N/A	N/A	N/A
Diphacinone	Structural pest control	0.64	N/A	N/A	N/A
Diphacinone, sodium salt	Structural pest control	<0.01	N/A	N/A	N/A
Diquat dibromide	Landscape maintenance	14.0	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Diquat dibromide	N-outdr plants in containers	0.54	18	37,200.0	S
Diquat dibromide	Rights of way	104.03	N/A	N/A	N/A
Diquat dibromide	Water (industrial)	26.1	N/A	4.5	A
Disodium octaborate anhydrous	Rights of way	63.61	N/A	N/A	N/A
Disodium octaborate tetrahydrate	Structural pest control	823.58	N/A	N/A	N/A
Dithiopyr	Landscape maintenance	64.36	N/A	N/A	N/A
Dithiopyr	Rights of way	48.65	N/A	N/A	N/A
Diuron	Rights of way	0.36	N/A	N/A	N/A
Dodecylbenzene sulfonic acid	Landscape maintenance	5.78	N/A	N/A	N/A
Edta, tetrasodium salt	Landscape maintenance	0.36	N/A	N/A	N/A
Emamectin benzoate	Landscape maintenance	0.14	N/A	N/A	N/A
Emamectin benzoate	Structural pest control	<0.01	N/A	N/A	N/A
Endothall, dipotassium salt	Water area	4.23	N/A	1.0	A
Esfenvalerate	Landscape maintenance	<0.01	N/A	N/A	N/A
Esfenvalerate	Structural pest control	11.08	N/A	N/A	N/A
Ethephon	Landscape maintenance	94.51	N/A	N/A	N/A
Ethofumesate	Landscape maintenance	267.83	N/A	N/A	N/A
Etofenprox	Public health	2.08	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Etofenprox	Structural pest control	0.29	N/A	N/A	N/A
Fatty acids derived from tallow	Rights of way	0.52	N/A	N/A	N/A
Fatty acids, mixed	Rights of way	2.56	N/A	N/A	N/A
Ferric sodium edta	Landscape maintenance	0.09	N/A	N/A	N/A
Fipronil	Landscape maintenance	0.04	N/A	N/A	N/A
Fipronil	Structural pest control	91.26	N/A	N/A	N/A
Fluazifop-p-butyl	Landscape maintenance	2.4	N/A	N/A	N/A
Fluazinam	Landscape maintenance	27.36	N/A	N/A	N/A
Fludioxonil	Landscape maintenance	24.63	N/A	N/A	N/A
Flumioxazin	Landscape maintenance	0.03	N/A	N/A	N/A
Flumioxazin	Water area	0.19	N/A	0.25	A
Flumioxazin	Water area	0.38	N/A	40,600.0	S
Fluopicolide	Landscape maintenance	0.66	N/A	N/A	N/A
Fluopyram	Grape, wine	2.37	2	23.0	A
Fluopyram	Landscape maintenance	1.78	N/A	N/A	N/A
Flupyradifurone	Landscape maintenance	2.44	N/A	N/A	N/A
Fluridone	Water (industrial)	0.05	N/A	0.25	A
Fluridone	Water area	0.08	N/A	1.0	A
Fluridone	Water area	0.06	N/A	32,751.74	C
Fluxapyroxad	Landscape maintenance	2.63	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Foramsulfuron	Landscape maintenance	0.14	N/A	N/A	N/A
Fosetyl-al	Landscape maintenance	0.45	N/A	N/A	N/A
Fox urine	Structural pest control	<0.01	N/A	N/A	N/A
Gamma-cyhalothrin	Structural pest control	6.72	N/A	N/A	N/A
Glufosinate-ammonium	Landscape maintenance	59.25	N/A	N/A	N/A
Glufosinate-ammonium	Rights of way	19.95	N/A	N/A	N/A
Glycerol	Landscape maintenance	0.01	N/A	N/A	N/A
Glyphosate, dimethylamine salt	Rights of way	378.82	N/A	N/A	N/A
Glyphosate, isopropylamine salt	Landscape maintenance	101.83	23	41.9	A
Glyphosate, isopropylamine salt	Landscape maintenance	510.67	N/A	N/A	N/A
Glyphosate, isopropylamine salt	N-outdr plants in containers	13.1	17	35,700.0	S
Glyphosate, isopropylamine salt	Regulatory pest control	0.24	N/A	N/A	N/A
Glyphosate, isopropylamine salt	Rights of way	217.78	N/A	N/A	N/A
Glyphosate, monoammonium salt	Landscape maintenance	0.96	N/A	N/A	N/A
Glyphosate, monoammonium salt	N-outdr plants in containers	0.55	1	1,500.0	S
Glyphosate, monoammonium salt	Rights of way	7.58	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Glyphosate, potassium salt	Grape, wine	15.17	3	12.5	A
Glyphosate, potassium salt	Landscape maintenance	354.6	N/A	N/A	N/A
Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Grape, wine	0.05	4	0.4	A
Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Rights of way	7.52	N/A	N/A	N/A
Hexaflumuron	Structural pest control	0.02	N/A	N/A	N/A
Hexylene glycol	Rights of way	41.3	N/A	N/A	N/A
Hydramethylnon	Landscape maintenance	<0.01	N/A	N/A	N/A
Hydramethylnon	Structural pest control	8.92	N/A	N/A	N/A
Hydrogen peroxide	Grape, wine	44.36	1	18.0	A
Hydrogen peroxide	Landscape maintenance	14.84	N/A	N/A	N/A
Hydrogen peroxide	Water (industrial)	37.26	N/A	1.0	A
Hydrogen peroxide	Water (industrial)	2,433.47	N/A	4.0	U
Hydroprene	Structural pest control	6.66	N/A	N/A	N/A
Imazamox, ammonium salt	Landscape maintenance	0.05	N/A	N/A	N/A
Imazamox, ammonium salt	Water (industrial)	5.82	N/A	4.5	A
Imazamox, ammonium salt	Water area	0.86	N/A	11.0	A
Imazapyr, isopropylamine salt	Landscape maintenance	3.82	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Imazapyr, isopropylamine salt	Regulatory pest control	0.06	N/A	N/A	N/A
Imazapyr, isopropylamine salt	Water area	0.02	N/A	1,701.0	S
Imidacloprid	Landscape maintenance	878.42	N/A	N/A	N/A
Imidacloprid	N-grnhs plants in containers	0.01	1	5,000.0	?
Imidacloprid	Structural pest control	75.41	N/A	N/A	N/A
Indaziflam	Rights of way	8.48	N/A	N/A	N/A
Indoxacarb	Landscape maintenance	0.82	N/A	N/A	N/A
Indoxacarb	Structural pest control	1.77	N/A	N/A	N/A
Iodine	Structural pest control	0.43	N/A	N/A	N/A
Iprodione	Landscape maintenance	0.94	1	1.0	A
Iprodione	Landscape maintenance	138.44	N/A	N/A	N/A
Iron phosphate	Landscape maintenance	0.57	N/A	N/A	N/A
Iron phosphate	N-outdr plants in containers	0.02	4	4,500.0	S
Iron phosphate	Structural pest control	<0.01	N/A	N/A	N/A
Isopropyl alcohol	Landscape maintenance	1.76	N/A	N/A	N/A
Isopropyl alcohol	Structural pest control	4.72	N/A	N/A	N/A
Isoxaben	Landscape maintenance	28.96	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Isoxaben	Rights of way	96.17	N/A	N/A	N/A
Kaolin	Olive	3,684.58	39	175.32	A
Lambda-cyhalothrin	Structural pest control	18.1	N/A	N/A	N/A
Lecithin	Rights of way	15.97	N/A	N/A	N/A
Lecithin	Water area	1.83	N/A	12.0	A
Lecithin	Water area	1.21	N/A	1,701.0	S
Limonene	Landscape maintenance	5.01	N/A	N/A	N/A
Limonene	Structural pest control	128.09	N/A	N/A	N/A
Limonene	Water (industrial)	2.31	N/A	4.5	A
Low molecular weight paraffinic oil	Rangeland	0.38	7	82.79	A
Mancozeb	Landscape maintenance	45.68	N/A	N/A	N/A
Mcpp, dimethylamine salt	Landscape maintenance	0.18	N/A	N/A	N/A
Mcpp-p, dimethylamine salt	Landscape maintenance	0.36	N/A	N/A	N/A
Mecoprop-p	Landscape maintenance	8.18	N/A	N/A	N/A
Mecoprop-p	Rights of way	0.8	N/A	N/A	N/A
Mefenoxam	Landscape maintenance	7.16	N/A	N/A	N/A
Mefenoxam	Structural pest control	0.44	N/A	N/A	N/A
Mefenoxam, other related	Landscape maintenance	0.13	N/A	N/A	N/A
Mefentrifluconazole	Landscape maintenance	5.64	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Metalaxyl	Landscape maintenance	2.82	N/A	N/A	N/A
Metam-sodium	Rights of way	230.61	N/A	N/A	N/A
Metconazole	Landscape maintenance	1.5	N/A	N/A	N/A
Methoprene	Public health	48.63	N/A	N/A	N/A
Methoprene	Structural pest control	0.01	N/A	N/A	N/A
Methylated fatty acids from canola oil	Landscape maintenance	2.55	N/A	N/A	N/A
Methylated soybean oil	Landscape maintenance	2.09	N/A	N/A	N/A
Methylated soybean oil	Pastureland	87.03	7	400.0	A
Methylated soybean oil	Rangeland	7.23	7	82.79	A
Methylated soybean oil	Rights of way	78.78	N/A	N/A	N/A
Methylated soybean oil	Water (industrial)	4.1	N/A	4.5	A
Methylated soybean oil	Water area	0.82	N/A	11.0	A
Methylated soybean oil	Water area	0.6	N/A	1,701.0	S
Metofluthrin	Structural pest control	0.01	N/A	N/A	N/A
Mineral oil	Grape	10.36	N/A	2,460.0	U
Mineral oil	Grape, wine	14,628.42	21	147.2	A
Mineral oil	Grape, wine	25.66	N/A	4,740.0	U
Mineral oil	Landscape maintenance	1,392.78	N/A	N/A	N/A
Mineral oil	Public health	187.58	N/A	N/A	N/A
Mineral oil	Rights of way	5.81	N/A	N/A	N/A
Mineral oil	Structural pest control	1.1	N/A	N/A	N/A
Muscalure	Structural pest control	<0.01	N/A	N/A	N/A
Myclobutanil	Grape, wine	0.5	1	5.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Myclobutanil	Landscape maintenance	1.38	N/A	N/A	N/A
N-octyl bicycloheptene dicarboximide	Structural pest control	7.11	N/A	N/A	N/A
Naa, ammonium salt	Landscape maintenance	0.35	N/A	N/A	N/A
Novaluron	Landscape maintenance	0.02	N/A	N/A	N/A
Novaluron	Structural pest control	0.7	N/A	N/A	N/A
Noviflumuron	Structural pest control	2.55	N/A	N/A	N/A
Octyl decyl dimethyl ammonium chloride	Structural pest control	0.08	N/A	N/A	N/A
Oleic acid, ethyl ester	Landscape maintenance	104.36	N/A	N/A	N/A
Oleic acid, ethyl ester	Pastureland	119.17	7	400.0	A
Oleic acid, ethyl ester	Rangeland	24.79	8	83.05	A
Oleic acid, ethyl ester	Regulatory pest control	0.14	N/A	N/A	N/A
Oleic acid, methyl ester	Landscape maintenance	1.69	N/A	N/A	N/A
Organosilicone, poly oxyalkylene ether copolymer	Landscape maintenance	100.39	N/A	N/A	N/A
Organosilicone, poly oxyalkylene ether copolymer	Structural pest control	0.16	N/A	N/A	N/A
Paclobutrazol	Landscape maintenance	109.22	N/A	N/A	N/A
Pcnb	Landscape maintenance	24.6	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Pendimethalin	Landscape maintenance	95.82	N/A	N/A	N/A
Pendimethalin	N-outdr plants in containers	0.18	9	17,500.0	S
Penoxsulam	Landscape maintenance	0.21	N/A	N/A	N/A
Penthiopyrad	Landscape maintenance	14.19	N/A	N/A	N/A
Permethrin	Landscape maintenance	126.59	N/A	N/A	N/A
Permethrin	Structural pest control	47.35	N/A	N/A	N/A
Peroxyacetic acid	Water (industrial)	8.59	N/A	1.0	A
Peroxyacetic acid	Water (industrial)	514.24	N/A	4.0	U
Petroleum distillates	Public health	15.01	N/A	N/A	N/A
Phenothrin	Public health	<0.01	N/A	N/A	N/A
Phenothrin	Structural pest control	0.62	N/A	N/A	N/A
Phenothrin, other related	Public health	<0.01	N/A	N/A	N/A
Phenylethyl propionate	Structural pest control	0.15	N/A	N/A	N/A
Phosphoric acid	Landscape maintenance	1.14	N/A	N/A	N/A
Piperonyl butoxide	Landscape maintenance	11.42	N/A	N/A	N/A
Piperonyl butoxide	Public health	17.96	N/A	N/A	N/A
Piperonyl butoxide	Structural pest control	62.97	N/A	N/A	N/A
Piperonyl butoxide, other related	Landscape maintenance	0.53	N/A	N/A	N/A
Piperonyl butoxide, other related	Public health	4.49	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Piperonyl butoxide, other related	Structural pest control	9.59	N/A	N/A	N/A
Poly-i-para-menthene	Grape, wine	8.54	4	76.84	A
Polyacrylamide, polyethylene glycol mixture	Rights of way	0.07	N/A	N/A	N/A
Polyalkene oxide modified heptamethyl trisiloxane	Grape, wine	0.04	6	0.6	A
Polyalkene oxide modified heptamethyl trisiloxane	Landscape maintenance	30.5	N/A	N/A	N/A
Polybutenes	Vertebrate control	0.64	N/A	N/A	N/A
Polyethylene glycol	Grape, wine	0.07	4	0.4	A
Polyethylene glycol stearate	Landscape maintenance	5.85	N/A	N/A	N/A
Polyethylene glycol stearate	Pastureland	29.79	7	400.0	A
Polyethylene glycol stearate	Rangeland	6.2	8	83.05	A
Polymerized pinene	Rights of way	6.19	N/A	N/A	N/A
Polyoxyethylene dioleate	Landscape maintenance	14.17	N/A	N/A	N/A
Polyoxyethylene dioleate	Regulatory pest control	0.02	N/A	N/A	N/A
Polyoxyethylene polyol fatty acid esters	Water area	0.16	N/A	40,600.0	S
Polyoxyethylene sorbitan monooleate	Landscape maintenance	4.05	N/A	N/A	N/A
Polyoxyethylene sorbitan monooleate	Regulatory pest control	0.01	N/A	N/A	N/A
Polysorbate 65	Rights of way	0.32	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Potash soap	Landscape maintenance	2.73	N/A	N/A	N/A
Potassium bicarbonate	Grape, wine	23.81	5	9.2	A
Potassium phosphite	Landscape maintenance	19,539.12	N/A	N/A	N/A
Potassium phosphite	Structural pest control	18.76	N/A	N/A	N/A
Prallethrin	Landscape maintenance	<0.01	N/A	N/A	N/A
Prallethrin	Structural pest control	2.7	N/A	N/A	N/A
Prodiamine	Landscape maintenance	1,762.56	N/A	N/A	N/A
Propiconazole	Landscape maintenance	58.69	N/A	N/A	N/A
Propiconazole	Structural pest control	1.52	N/A	N/A	N/A
Propionic acid	Water area	0.19	N/A	1.0	A
Propylene glycol	Grape, wine	0.09	6	0.6	A
Propylene glycol	Landscape maintenance	45.28	N/A	N/A	N/A
Propylene glycol	Structural pest control	0.05	N/A	N/A	N/A
Pyraclostrobin	Landscape maintenance	64.93	N/A	N/A	N/A
Pyraflufen-ethyl	Landscape maintenance	<0.01	N/A	N/A	N/A
Pyrethrins	Landscape maintenance	1.2	N/A	N/A	N/A
Pyrethrins	Public health	4.13	N/A	N/A	N/A
Pyrethrins	Structural pest control	7.95	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Pyriproxyfen	Landscape maintenance	0.17	N/A	N/A	N/A
Pyriproxyfen	Structural pest control	6.83	N/A	N/A	N/A
Qst 713 strain of dried bacillus subtilis	Grape, wine	5.46	4	41.48	A
Quillaja	Grape, wine	0.61	4	61.92	A
Quinclorac	Landscape maintenance	0.01	N/A	N/A	N/A
Quinclorac, dimethylamine salt	Landscape maintenance	13.12	N/A	N/A	N/A
Quinoxifen	Grape, wine	0.48	1	5.0	A
Reynoutria sachalinensis	Grape, wine	10.04	4	45.38	A
Rimsulfuron	Rights of way	4.96	N/A	N/A	N/A
S-methoprene	Public health	115.9	N/A	N/A	N/A
S-methoprene	Structural pest control	0.07	N/A	N/A	N/A
Silica aerogel	Public health	14.78	N/A	N/A	N/A
Silica aerogel	Structural pest control	24.7	N/A	N/A	N/A
Silicone defoamer	Landscape maintenance	0.15	N/A	N/A	N/A
Sodium alpha-olefin (c14-c16) sulfonate	Rights of way	314.35	N/A	N/A	N/A
Sodium bisulfate	Grape, wine	6.56	1	18.0	A
Sodium carbonate peroxyhydrate	Water (industrial)	1,484.95	N/A	99.5	A
Sodium decyl sulfate	Structural pest control	1.89	N/A	N/A	N/A
Sodium lauroampho acetate	Structural pest control	1.43	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Sodium lauryl sulfate	Structural pest control	0.96	N/A	N/A	N/A
Sodium nitrate	Landscape maintenance	0.11	N/A	N/A	N/A
Sodium xylene sulfonate	Landscape maintenance	1.78	N/A	N/A	N/A
Sorbitan trioleate	Rights of way	0.32	N/A	N/A	N/A
Spinosad	Landscape maintenance	1.5	N/A	N/A	N/A
Spinosad	Olive	0.03	40	199.78	A
Spinosad	Public health	39.21	N/A	N/A	N/A
Spinosad	Structural pest control	<0.01	N/A	N/A	N/A
Spiromesifen	Landscape maintenance	<0.01	N/A	N/A	N/A
Spirotetramat	N-grnhs plants in containers	0.01	1	3,000.0	S
Strychnine	Landscape maintenance	<0.01	N/A	N/A	N/A
Styrene butadiene copolymer	Grape, wine	0.12	6	0.6	A
Sulfentrazone	Landscape maintenance	<0.01	N/A	N/A	N/A
Sulfentrazone	Rights of way	6.38	N/A	N/A	N/A
Sulfometuron-methyl	Rights of way	2.32	N/A	N/A	N/A
Sulfur	Grape, wine	2,403.63	52	461.22	A
Sulfur	Landscape maintenance	0.08	N/A	N/A	N/A
Sulfuryl fluoride	Structural pest control	15,898.92	N/A	N/A	N/A
Tall oil fatty acids	Grape, wine	0.07	4	0.4	A
Tall oil fatty acids	Landscape maintenance	3.29	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Tall oil fatty acids	Rights of way	1.57	N/A	N/A	N/A
Tebuconazole	Grape, wine	2.37	2	23.0	A
Tebuconazole	Landscape maintenance	31.74	N/A	N/A	N/A
Tebuthiuron	Rights of way	0.12	N/A	N/A	N/A
Tetramethrin	Structural pest control	0.06	N/A	N/A	N/A
Tetrapotassium pyrophosphate	Landscape maintenance	0.89	N/A	N/A	N/A
Thiabendazole, hypophosphite salt	Landscape maintenance	2.23	N/A	N/A	N/A
Thiamethoxam	Structural pest control	4.65	N/A	N/A	N/A
Thiophanate-methyl	Landscape maintenance	44.4	N/A	N/A	N/A
Thyme oil	Structural pest control	<0.01	N/A	N/A	N/A
Topramezone	Landscape maintenance	0.34	N/A	N/A	N/A
Triadimefon	Landscape maintenance	2.58	N/A	N/A	N/A
Triclopyr choline	Landscape maintenance	52.56	N/A	N/A	N/A
Triclopyr choline	Rights of way	8.23	N/A	N/A	N/A
Triclopyr, butoxyethyl ester	Landscape maintenance	274.16	N/A	N/A	N/A
Triclopyr, butoxyethyl ester	Rights of way	0.23	N/A	N/A	N/A
Triclopyr, triethylamine salt	Rights of way	102.93	N/A	N/A	N/A
Triethanolamine	Landscape maintenance	2.27	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Trifloxystrobin	Landscape maintenance	3.98	N/A	N/A	N/A
Trifluralin	Landscape maintenance	2.0	N/A	N/A	N/A
Trinexapac-ethyl	Landscape maintenance	79.1	N/A	N/A	N/A
Warfarin	Landscape maintenance	0.03	N/A	N/A	N/A
Warfarin	Structural pest control	0.01	N/A	N/A	N/A
Z,e-9,12-tetradecadien-1-yl acetate	Structural pest control	0.02	N/A	N/A	N/A
Zinc phosphide	Structural pest control	0.02	N/A	N/A	N/A